



PTO/SB/08A (08-03)

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| Substitute for form 1449/PTO  |   | <b>Complete if Known</b> |                        |                        |            |
|   |   | Application Number       | 10/802,704             |                        |            |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br>(Use as many sheets as necessary) |   | Filing Date              | March 17, 2004         |                        |            |
|   |   | First Named Inventor     | Che-Hsiung Hsu Et. Al. |                        |            |
|   |   | Art Unit                 | 1623                   |                        |            |
|   |   | Examiner Name            | Unknown                |                        |            |
| Sheet   | 1 | of                       | 2                      | Attorney Docket Number | UC0362USNA |

| U. S. PATENT DOCUMENTS |                          |  |                                   |  |   |
|------------------------|--------------------------|--|-----------------------------------|--|---|
| Examiner<br>Initials*  | Cite<br>No. <sup>1</sup> | Document Number                          | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                        |                          | Number-Kind Code <sup>2</sup> (if known) |                                   |  |   |
| <i>mk</i>              |                          | US- 6,391,481 B1                         | 05-21-2002                        | Jonas et al.                                       |   |
| <i>mk</i>              |                          | US- 6,340,496 B1                         | 01-22-2002                        | Cloots et al.                                      |   |
| <i>mk</i>              |                          | US- 6,083,635 A                          | 07-04-2000                        | Jonas et al.                                       |   |
| <i>mk</i>              |                          | US- 5,286,413 A                          | 02-15-1994                        | Hannecart et al.                                   |   |
| <i>mk</i>              |                          | US- 4,889,659                            | 12-26-1989                        | Genies   |   |
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| FOREIGN PATENT DOCUMENTS |          |   |                                |   |   |                |
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| Examiner Initials*       | Cite No. | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T <sup>3</sup> |
|                          |          | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                |   |   |                |
| <i>mk</i>                |          | EP 0593 111 A1  | 04-20-1994                     | Agfa-Gevaert                                    |   |                |
| <i>mk</i>                |          | JP2-160823  | 06-20-1990                     | Tosoh Corporation                               |   | ✓              |
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| Examiner<br>Signature | <i>mk</i> | Date<br>Considered | 1/14/06 |
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| <b>Substitute for form 1449B/PTO</b><br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |   | <b>Complete If Known</b> |                        |                        |            |
|   |   | Application Number       | 10/802,704             |                        |            |
|   |   | Filing Date              | March 17, 2004         |                        |            |
|   |   | First Named Inventor     | Che-Hslung Hsu Et. Al. |                        |            |
|   |   | Art Unit                 | 1623                   |                        |            |
|   |   | Examiner Name            | Unknown                |                        |            |
| Sheet   | 2 | of                       | 2                      | Attorney Docket Number | UC0362USNA |

| NON PATENT LITERATURE DOCUMENTS |                          |   |                          |
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| Examiner<br>Initials*           | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup>           |
| <i>me</i>                       |                          | PICKUP, PETER G. et al., Electronically conducting cation-exchange polymer powders: synthesis, characterization and applications in PEM fuel cells and supercapacitors, Journal of New Materials for Electrochemical Systems, 2000, 21-26, 3                    | <input type="checkbox"/> |
| <i>me</i>                       |                          | LEFEBVRE, MARK et al., Chemical Synthesis, Characterization, and Electrochemical Studies of Poly(3,4-ethylenedioxythiophene)/Poly(styrene-4-sulfonate) Composites, Chem. Mater., 1999, 262-268, 11, American Chemical Society                                   | <input type="checkbox"/> |
| <i>me</i>                       |                          | QI, ZHIGANG et al., Size Control of Polypyrrole Particles, Chem. Mater., 1997, 2934-2939, 9, American Chemical Society  | <input type="checkbox"/> |
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|   |   | <b>Application Number</b>   | 10/802,704             |                               |            |
|   |   | <b>Filing Date</b>          | March 17, 2004         |                               |            |
|   |   | <b>First Named Inventor</b> | Che-Hsiung Hsu Et. Al. |                               |            |
|   |   | <b>Art Unit</b>             | 1623                   |                               |            |
|   |   | <b>Examiner Name</b>        | Unknown                |                               |            |
| <b>Sheet</b>  | 1 | <b>of</b>                   | 1                      | <b>Attorney Docket Number</b> | UC0362USNA |

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| Examiner<br>Initials*           | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup>           |
|                                 |                          | HSU, C. -H., Novel Preparation and Properties of Conductive Polyaniline/Nafion(R) Film, Synthetic Metals, 1991, 671-674, 41-43, Elsevier Sequola, The Netherlands   | <input type="checkbox"/> |
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| <b>Application Number</b>     | <b>10/802,704</b>            |
| <b>Filing Date</b>            | <b>March 17, 2004</b>        |
| <b>First Named Inventor</b>   | <b>CHE-HSIUNG HSU et al.</b> |
| <b>Group Art Unit</b>         | <b>1623</b>                  |
| <b>Examiner Name</b>          | <b>Unknown</b>               |
| <b>Attorney Docket Number</b> | <b>UC0362USNA</b>            |

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| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T |
|                          |                          | Country Code <sup>2</sup> -Number <sup>4</sup> -Kind Code <sup>3</sup> (if known) |                                   |  |   |   |
| <i>hm</i>                |                          | EP 0 593 111 A1   | 04-20-1994                        | Agfa-Gevaert                                       |   |   |
| <i>hm</i>                |                          | EP 0 962 943 A1   | 12-08-1999                        | Nissan Chemical Industries, Ltd.                   |   |   |
| <i>hm</i>                |                          | FR 2 632 979 A1   | 12-22-1989                        | Commissariat A L'energie Atomique                  | (No ENG. AB)  |   |
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**Examiner  
Signature**

May/6

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**.OCT 14 2005**

PTO/SB/DBA (07-05)

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| Sheet | 1 | of | 1 |
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|                        |                |
|------------------------|----------------|
| Application Number     | 10/802704      |
| Filing Date            | March 17, 2004 |
| First Named Inventor   | CHE-HSIUNG HSU |
| Group Art Unit         | 1623           |
| Examiner Name          | UNASSIGNED     |
| Attorney Docket Number | UC0362USNA     |

**U.S. PATENT DOCUMENTS**

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
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Sheet 1 of 1

**Complete if Known**

|                        |                 |
|------------------------|-----------------|
| Application Number     | 10/802704       |
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| Group Art Unit         | 1628            |
| Examiner Name          | UNASSIGNED      |
| Attorney Docket Number | UC0362USNA      |

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

| Examiner<br>Initials *  | Cite<br>No. 1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T 2                      |
|---|---------------|---|--------------------------|
|  | 1             | A. J. SHARPE, JR. ET AL., Improved Carbonic Conductive Polymer, Calgon Corp., Pittsburgh, PA. Coating Conference (Proceedings), Pages 83-87, 1981. ISSN 0364-2771   | <input type="checkbox"/> |
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